IN THE CLAIMS

Please amend the claims as follows:

- 1. (Previously Presented) An apparatus comprising:
 - a. a user terminal containing a client application which generates a service request;
 - b. a service application which is located in a computer other than said user terminal responsively coupled to said client application which responds to said service application;
 - c. a communication class library which regulates communications between said client application and said service application;
 - d. a security facility embedded within said communication class library; and
 - e. wherein said security facility is automatically activated by said service request.
 - (Original) The apparatus of claim 1 wherein said security facility further comprises an encryption object.
 - 3. (Original) The apparatus of claim 2 wherein said security facility further comprises security support provider interface.

- 4. (Original) The apparatus of claim 3 wherein said security facility further comprises a decryption object.
- 5. (Previously Presented) The apparatus of claim 4 wherein said user terminal is responsively coupled to a data base management system via a publically accessible digital data communication network and wherein said service application is located within said data base management system.
- 6. (Previously Presented) A method of handling a service request from a client application to a service application, comprising:
 - a. embedding a security facility within a communication class library;
 - b. generating a service request within a user terminal using said client application;
 - c. transferring said service request from said client application to said service application located within a computer which is different from said user terminal;
 - d. receiving said service request by said service application;
 - e. honoring said service request by said service application; and

- f. automatically implementing security functions from said embedded security facility during said step which honors said service request.
- 7. (Original) A method according to claim 6 further comprising a context token transferred from said client to said service application identifying required security functions from said embedded security facility.
- 8. (Original) A method according to claim 7 wherein said transferring step further comprises transferring said service request to said service application via a publically accessible digital data communication network.
- 9. (Previously Presented) A method according to claim 8 wherein said client application is located within said user terminal.
- 10. (Original) A method according to claim 9 further comprising a data base management system wherein said service application is located within said data base management system.
- 11. (Currently Amended) An apparatus comprising:
 - a. means for generating a service request requiring security functions including a user terminal computer;

- b. means responsively coupled to said generating means for honoring said service request while providing said security functions <u>including a computer other than said user terminal computer</u>; and
- c. means responsively coupled to said honoring means for embedding a security facility within a communication class library which provides said security functions.
- 12. (Original) An apparatus according to claim 11 further comprising means for uniquely identifying said security functions via a context token.
- 13. (Original) An apparatus according to claim 12 wherein said context token is transferred to said honoring means from said generating means in association with said service request.
- 14. (Original) An apparatus according to claim 13 wherein said honoring means further comprises a data base management system.
- 15. (Original) An apparatus according to claim 14 wherein said generating means further comprises a user terminal.
- 16. (Currently Amended) [[In a]] A data processing system having comprising:

- a. a client application; [[and]]
- <u>b.</u> a user terminal <u>containing said client application</u> which generates a service request requiring security activity responsively coupled to a service application; , the improvement comprising:
- [[a]] \underline{c} . a security facility embedded within a communication class library responsively coupled to said service application; and
 - [[b]] \underline{d} . a context token which specifies said security activity to said security facility.
- 17. (Currently Amended) The improvement data processing system according to claim 16 wherein said context token is transferred from said client application to said service application along with said service request.
- 18. (Currently Amended) The improvement data processing system according to claim 17 wherein said user terminal contains said client application.
- 19. (Currently Amended) The improvement data processing system according to claim 18 further comprising a publically accessible digital data communication network responsively coupled between said user terminal and said service application.

20. (Currently Amended) The improvement data processing system according to claim 19 further comprising a data base management system containing said service application.

21. (Original) An apparatus comprising:

- a. a user terminal which has a client application which generates a service request;
- b. an enterprise data base management system having a service application responsively coupled to said client application via a publically accessible digital data communication network which responds to said service request;
- c. a communication class library which regulates communication between said client application and said service application;
- d. a security facility embedded within said communication class library; and
- e. wherein said security facility has an encryption object and has a decryption object and has a security support provider interface and wherein said security facility is automatically activated by sad service request.